



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 20545

July 3, 1974

Jim:

The enclosed will bring you up to date
re the latest in Germantown

Sid

Enclosure:
Status Report

0000240

Status Report re Plutonium Injectees

The papers to be presented by Rowland's group at the Seattle meeting are scheduled for Monday, July 15 at 4:15 p.m. and Tuesday, July 16 at 11:30 a.m. (see enclosure 1). The following represents the current status of projects connected with this matter:

1. To select a high level Division spokesman to participate in any press conference that might become necessary during Seattle meeting.
2. Presidents of Universities of Chicago and California to be contacted by Dr. L. by phone. *Has been done [CANDLER at U of Chi MITCH & LAWRENCE at CAL.]* We should send background material soon so that they may prepare a press response in the event that it is needed in mid-July.
3. Brief JCAE if not done already.
4. Consent forms for Rochester patients to be completed after receipt of letter by Dr. Sproull and his referral of draft forms to University of Rochester legal staff. If forms are unsatisfactory as presently drafted, discussions between Mr. Greenleigh and U. of Rochester attorneys will resolve differences.
5. Report of inquiry is being reviewed by Division of Inspection again after OGC and Dr. Burr's revisions.
6. The Texas patient has been notified by his attending physician. The patient recalled the injection but was not aware of its nature. He was not concerned about the matter.
7. Rochester patients to be notified after Rochester legal staff approves consent forms.
8. Continuation of exhumation program approved by ANL Human Use Committee (enclosure 2). I will prepare summary of matter with relevant

supporting documents for our files, OGC and GM or Commission.

9. Manner of notification of next of kin of exhumed patient to be worked out yet.
10. In view of continuation of exhumation program, notification of previously approached next of kin will be required. Procedures to be worked out in close collaboration with OGC.

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A-26

DOSIMETRY AND EFFECTS OF RADIONUCLIDES DEPOSITED IN BONE

SNOQUALMIE ROOM - 3:45 p.m. — MONDAY, JULY 15

Chairman: W. Gössner (West Germany)
Co-chairman: D. R. Atherton (USA)

A-26-1 3:45 p.m. "Bone Tumor Risk in Mice After Single and Repeated Injections of ²²⁶Ra." W. Gössner, A. Luz, W. A. Muller and O. Hug (West Germany)

A-26-2 4:00 p.m. "Dosimetric Aspects After Repeated Injections of Short-Lived Alpha-Emitters in Mice with Regard to the Risk of Late Effects." W. A. Muller, W. Gössner, O. Hug, U. Linzner and A. Luz (West Germany)

A-26-3 4:15 p.m. "²³⁹Pu in Human Bone: An Autoradiographic Study." R. A. Schlenker, and B. G. Oltman (USA)

A-26-4 4:30 p.m. "Kinetic Model for Skeletal Retention of ²³⁹Pu." D. R. Atherton, Betsy J. Stover, and W. Stevens (USA)

A-26-5 4:45 p.m. "Quantitative Measurement of Changes in ²²⁶Ra- and ⁹⁰Sr-²²³Y-La-beled Humeri: A Comparative Study." M. H. Momeni, Jean R. Williams, L. S. Rosenblatt, and M. Goldman (USA)

A-26-6 5:00 p.m. "Binding of Actinide Elements by Bone Protein." F. W. Bruenger, B. Grube, E. Bruenger, and W. Stevens (USA)

A-27

RADIATION

OPERA HOUSE

Chairwoman:
Co-chairman:

A-27-1 1:30 p.m. "Determination Technique of Pl

A-27-2 1:45 p.m. "A Study of Plis and Flash I Eager (Canada)

A-27-3 2:00 p.m. "Radiation Chemistry of Ru(NH₃)₆CO³⁺ + Ward and A. Br

A-27-4 2:15 p.m. "Pulse Radiolysis of don, K. H. Schn

A-27-5 2:30 p.m. "Electron Transfer Complexes." M. Far

A-27-6 2:45 p.m. "Determination of Aqueous Soluble Kabakchi, and /

B-8

**EFFECTS, METABOLISM, AND DOSIMETRY OF
INTERNALLY DEPOSITED RADIONUCLIDES**

FIDALGO ROOM - 10:00 a.m. — TUESDAY, JULY 16

Chairwoman: Herta Spencer (USA)

Cochairman: J. Rundo (USA)

B-8-1 10:00 a.m. "A Continuing Study on the Somatic Effects of a Low-Level, Fractional MPC Body Burden of Ra-226." J. J. Gabay, C. D. Brown, I. H. Porter, and S. Hoegerman (USA)

B-8-2 10:15 a.m. "Factors Influencing the Intestinal Absorption of Radiostrontium in Man." Herta Spencer, C. Norris, and Geraldine Bell (USA)

B-8-3 10:30 a.m. "Metabolism of ²⁵S Sodium Sulfate in Man." K. S. Pentlow, Helen Q. Woodard, K. Mayer, J. S. Laughlin, and R. C. Marcove (USA)

B-8-4 10:45 a.m. "Internal Dose Calculation for ¹⁷⁷Lu-Chloride." D. M. H. Glaubitt, H. D. Roedler, and R. S. Marx (West Germany)

B-8-5 11:00 a.m. "Low Dose In Vivo Human Calcium Measurement by ⁴⁵Ca(n,γ)⁴⁶Ar Reaction." R. E. Bigler, J. S. Laughlin, R. Davis, Jr., and J. C. Evans (USA)

B-8-6 11:15 a.m. "Excretion rates of ²²⁶Ra for Radium-burdened People 10 to 55 Years After Exposure." R. B. Holtzman, D. R. Kuchta, and J. Y. Sha (USA)

B-8-7 11:30 a.m. "The Excretion Rate of Plutonium 10,000 Days after Acquisition." J. Rundo, P. M. Starzyk, and J. Sedlet (USA)

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**SYMPOSIUM: RADIATION
PROCESSES
THEIR**

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Chairman: E. J. Hart (USA)

B-9-1 "Some Aspects of Airborne sphere"
G. M. Hidy, Rockwell In
Oaks, Calif. (USA)

B-9-2 "The Interdependence of Urban Air, the General
H. S. Johnston, University

B-9-3 "Gas-to-Particle Conversion
Radiation Induced and F
K. G. Vohra, Bhabha Atom.

B-9-4 "Effects of Air Pollution on
N. R. Glass, U. S. Environ.
Ore. (USA)

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Dictated by phone, 7/3/74

Memo to A. F. Stehney
Radiological and Environmental Research Division

From R.J.M. Fry
Biological and Medical Research Division

A PROPOSAL TO EXHUME THE REMAINS OF CERTAIN INDIVIDUALS WHO
RECEIVED INJECTIONS OF PLUTONIUM

The review committee for research projects involving human subjects met, as you know, on Monday, June 24, 1974, and considered the proposal submitted by the Center for Human Radiobiology. The proposal was approved. The committee wishes to suggest that the section about the benefits to society that may accrue from these studies be rewritten. The committee felt that a statement consonant with the oral presentation made to the committee would be useful for the records. If recent history is any guide, records concerning the Pu investigations may well become of interest.

On behalf of the committee may I thank you and Bob for having given your time to the committee.

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